

# TechZine

ISSUE : ODD SEMESTER 2023-24

**JYOTHY INSTITUTE OF TECHNOLOGY**



**Department of Civil Engineering**

Accredited by  
**National Board of Accreditation**



Affiliated to  
**Visveswaraya Technological University,  
Belagavi**





# TechZine

## Department Of Civil Engineering

### Jyothy Institute of Technology

#### VISION OF INSTITUTION

To be an Institution of excellence in engineering education, innovation and research and towards evolving leaders for country's future work great the and meeting global needs.

#### MISSION OF INSTITUTION

The Institution aims at providing a vibrant, intellectually and emotionally rich teaching learning environment with the State of the Art Infrastructure and recognizing and nurturing the potential of each individual to evolve into ones own self and contribute to the welfare.

#### VISION OF DEPARTMENT

To be a global center of excellence in imparting quality education in all the frontiers of civil engineering for the development of the society

#### MISSION OF DEPARTMENT

- M1:** To educate the students in the field of Civil Engineering by adopting best teaching learning process with state of the art facilities and infrastructure.
- M2:** To encourage the students to contribute to the development of the society by pursuing a promising career in the industry by making them employable with the necessary soft skills and leadership qualities.
- M3:** To encourage the students to pursue higher studies and carryout research and development in various fields of Civil Engineering.

#### ABOUT THE DEPARTMENT

Civil Engineering is a diversified and one of the oldest branches of Engineering that encompasses study in fields of Structural engineering, Geo technical Engineering, Environmental Engineering, Construction Engineering and Management & various other specialized areas. The Civil Engineering mainly involves Planning, Analysis & Design of different infrastructure projects & implementation through sustainable approach on a turnkey basis. The Departmental facilities of the college include state of art laboratories that also encapsulates Structural & Geo spatial software's in CAD lab and sophisticated state of art equipment required for conceptualization. The facilities also include advanced teaching techniques for undergraduate students in the smart classrooms. The objectives of the course call for effective teaching by experienced faculties through use of different pedagogical facilities thereby creating vibrant learning ambience and this is exacerbated through webinars, 'guest lectures, workshops etc. Our faculties are associated with R&D and consultancy works for improvement of quality teaching that makes the Department one of the most sort of Department in entire Bangalore. The faculty members contribute to academic development by publishing books and presenting papers in International Conference, National conferences and journals.

#### HOD MESSAGE

The Department of Civil Engineering has a well-defined plan to coordinate and implement various academic, extra-curricular and co-curricular activities carried out for overall growth of the Department. The faculty members constantly interact with various experts from academics and industry to evolve and organize the different events of the Department with an objective of bridging the academic and industry gap. The target plan of the Department envisages activities that involve conduct of industry-oriented workshops, industrial visits, guest lectures, software training, student participation in various paper presentation competitions and other student technical events. These activities are keeping in tune with the Departmental vision of attaining Engineering excellence in all frontiers of Civil Engineering. This is expected to be achieved through well planned and coordinated efforts of the teaching and non-teaching staff, who are credible and committed to the core for meeting the envisioned departmental standards.

# Project Exhibition

## 2023 - 24

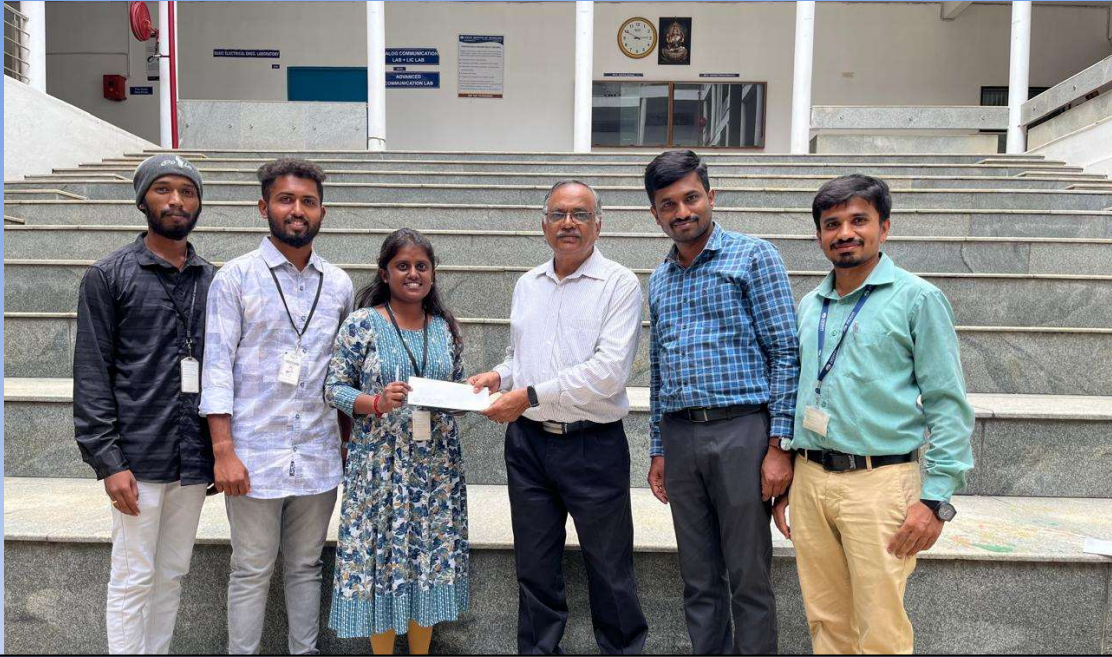
Project Exhibition 2023-24 was held at Jyothy Institute of Technology on 8<sup>th</sup> May 2024 (Wednesday).



The event was judged by Mr. Vinay Gowda M L, Assistant Professor, BMSCE, Bengaluru and Dr. Sreekeshava K S, Associate Professor and HoD, Civil Engineering Department, JIT. The participants were judged on the basis of Objectives of the Project, its Societal relevance, novelty of participants in the approach, their presentation and their answers to the questions asked with respect to the idea.







The Project titled “Comparison of Leaching Efficiency of EDTA and HCL for Heavy Metal Recovery by Soil Column Studies” was declared as winners. The participants included Ms. Pavithra P, Mr. Ravi Kumar N, Mr. Arunachalam K and Mr. Chethan S.



The Project titled “Geo-environmental Characterization of Iron Ore Dump Yard Soil” was declared as runners. The participants included Ms. Chaitra B , Mr. Saqib Aziz Sheikh, Mr. Abhishek Gowda R N and Ms. Tejaswini S.



## ACHIEVEMENTS

Deepa Dharshani T (1JT21CV404), student of Civil Engineering Department has participated and won **Silver Medal** in Fine Arts at VTU Youth Festival 2024, held on 27<sup>th</sup> to 30<sup>th</sup> March 2024 at SJCIT Chikkaballapur.



## ACHIEVEMENTS

Department of Civil Engineering students participated in State Level Techzone 2k24 – **Town Planning**, event held on 2<sup>nd</sup> and 3<sup>rd</sup> May 2024 at JNN College of Engineering, Shivamogga.



The practical knowledge of the team that competed in the discipline of civil engineering were highlighted during this event. The framework of the competition pushed team to get unique idea in surveying.

The students listed below competed and won award.

### 1<sup>st</sup> Place in Town Planning

Pavitra P(1JT20CV004)

Balaji T(1JT22CV403)



## ACHIEVEMENTS

Department of Civil Engineering students participated in State Level Techzone - **Prastuti**, a Paper Presentation event held on 2<sup>nd</sup> and 3<sup>rd</sup> May 2024 at JNN College of Engineering, Shivamogga.



The skill and knowledge of the team that competed in the discipline of civil engineering were highlighted during this event. The framework of the competition pushed team to present innovative ideas.

The students listed below competed and won award.

### 2<sup>nd</sup> Place in Paper Presentation

Anusha S (1JT22CV402)

Balaji T(1JT22CV403)

## ACHIEVEMENTS

Anusha S (1JT22CV402) and Balaji T (1JT22CV403), students of Civil Engineering Department has participated in **Srishti 2024, State Level Project Exhibition and Competition** and secured 1<sup>st</sup> Place in **Srishti Avishkar –Pre Final Year Project Competition** held at Atria Institute of Technology, Hebbala, Bengaluru from 24<sup>th</sup> to 26<sup>th</sup> May 2024.





## ACHIEVEMENTS

Shrusti H S (1JT21CV004), Darshan C R (1JT22CV406), Kavya M (1JT22CV409) and Shiva B (1JT22CV403), students of Civil Engineering Department has participated in **Srishti 2024, State Level Project Exhibition and Competition** and secured 2<sup>nd</sup> Place in **Bridgeit** held at Atria Institute of Technology, Hebbala, Bengaluru from 24<sup>th</sup> to 26<sup>th</sup> May 2024.



## ACHIEVEMENTS

Akshatha R (1JT22CV400), Divya C (1JT22CV408), Naveen K N (1JT22CV413) and Shashi M (1JT22CV419), students of Civil Engineering Department has participated in **Srishti 2024, State Level Project Exhibition and Competition** and secured 3<sup>rd</sup> Place in **Bridgeit** held at Atria Institute of Technology, Hebbala, Bengaluru from 24<sup>th</sup> to 26<sup>th</sup> May 2024.

